

REMARKS

Entry of this amendment is respectfully requested.

In the amendment after final dated February 11, 2009, claim 1 was amended to incorporate the subject matter of allowable claim 12 and to include that the programmable current threshold command "identifies a programmed current threshold" to provide antecedent for "said programmed current threshold" in original claim 12.

Upon reviewing allowed claim 1, Applicant determined that the added language from claim 12 in the February 11, 2009 amendment, "said specified duration being a first duration, predetermined or programmed, if said detected current level is above said programmed current threshold and below said second current threshold, and a second duration, predetermined or programmed, and shorter than said first duration if said detected current level is above said second current threshold," (hereafter referred to as "the specified duration language"), might be misunderstood to refer to the "specified duration" of the claimed second current detector. In fact, the specified duration language is intended to refer to the specified duration recited in dependent claim 9 from which claim 12 (the claim where the quoted language comes from) depended. Claim 9 recites "wherein said processor is adapted to generate said tripping signal after said detected current level has exceeded said programmed current threshold for a *specified duration*." (Emphasis added). In other words, the specified duration language relates to the programmed first current threshold which is associated with the first current detector and the processor rather than the second current detector.

Accordingly, claim 1 is amended to include language from now-canceled claim 9 that also adds for clarification purposes "first specified duration" to distinguish from the "second specified duration" associated with the second current detector.

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Appl. No. 10/553,168
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Entry of this amendment is appropriate to ensure consistency of the terminology used in claim 1. The language from claim 9 should have been incorporated into claim 1 when language from claim 12 which depended on claim 9 was added to claim 1. The amended does not require additional search or examination because the Examiner has already considered and allowed claims 1 and 9 and claim 9 depends directly from claim 1.

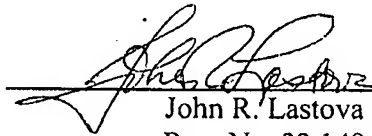
The other dependent claim amendments are made to ensure consistency with the changes made to claim 1 with the exception of claim 14 where Applicant noticed that the dependency should have been to claim 3 in order to provide antecedent support for "said force threshold."

Entry of this amendment and a notice to that effect are respectfully requested. If the Examiner has any questions, she is invited to contact the undersigned at the telephone number below.

Respectfully submitted,

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